

XLPE INSULATED, PVC SHEATHED 0,6/1kV COPPER POWER CABLES



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: 250°C (max. 5 sec.)
- Rated Voltage: 0,6/1kV (Um: 1200V)
- Min. Bending Radius: 12x Cable Outer Diameter
- Production Standard: IEC 60502-1, VDE 0271, BS 7889

CONSTRUCTION

Conductor: Stranded or Shaped Round Class 2 Copper or Aluminium conductor as per IEC 60228

* For sections between 1.5mm² – 10mm² ; Solid Round Class 1 conductor can be also supplied upon request

Insulation: XLPE insulation material. Thickness shall be as per IEC 60502-1.

Outer Sheath: PVC outer sheath material. Thickness shall be as per IEC 60502-1.

CODE of CABLE

- Cu/XLPE/PVC; N2XY; YXV

APPLICATION

These cables refer to XLPE insulated, PVC sheathed power cables with a rated voltage of 0,6/1kV. These cables used for electricity supply in a low voltage installation system. They are suitable for installation indoors, outdoors, underground, in cables ducts and power and switching stations, local energy distributions, industrial plants, and places where is no risk of mechanical damage.

SECTION RANGE

- From 1.5mm² up to 630mm²

CONDUCTOR QUANTITY

- **For the Power Cables with Copper Conductor:**
From 1 Core up to 5 Cores
- **For Control Cables with Copper Conductor:**
From 5 Cores up to 48 Cores

COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.

FIRE PERFORMANCE Of CABLE SHEATHS

- Cables can be supplied with special flame retardant PVC outer sheath to comply with the flame test requirements of IEC 60332 Category A-B and C.